

## VxBlock Administration (EMCVBAM)

**ID** EMCVBAM **Price** US \$ 5,000.—(excl. tax) **Duration** 5 days

Please note that prepayment is required for participation in a Dell EMC training course. Participation in a training course is possible for 12 months after booking the course. Cancellations are excluded.

### Course Overview

This course covers administration and management aspects of the VxBlock System. It includes an overview of the architecture as well as introduces common administrative tasks that are performed using the various system element managers and Dell EMC Vision Intelligent Operations. This training is designed to enable participants to successfully complete hands-on activities for common VxBlock System administrative tasks.

### Who should attend

This course is intended for professionals who will be administering and managing a VxBlock System.

### Prerequisites

To understand the content and successfully complete this course, a student must have a suitable knowledgebase/skill set. The student must have an understanding of:

- VMware ESX Server installation, configuration, and management
- Microsoft Windows and UNIX/Linux administration and operation
- Specialist knowledge of EMC storage array technology
- Concept of server, storage, and access path virtualization
- Knowledge of Fibre Channel SAN zoning and virtualization
- System management and monitoring concepts

### Course Objectives

Upon successful completion of this course, participants should be able to:

- Discuss VxBlock Systems, their building block components, and how the VxBlock integrates into a datacenter
- Capture and backup the VxBlock System configuration baseline
- Monitor VxBlock System status, health, and performance using component element managers and Dell EMC Vision Intelligent Operations
- Create, expand and provision VxBlock System compute, network, storage, and virtualization resources
- Validate the configuration compliance against the Dell EMC Release Certification Matrix (RCM) and the Dell EMC Security Guide

### Course Content

#### System Administration Overview

- VxBlock System overview
- System administration overview

#### Advanced Management Platform (AMP)

- Element Managers introduction
- Dell EMC Vision intelligent operations
- Advanced Management Platform

#### Managing Network Resources

- Network paths and components
- LAN configuration
- SAN configuration

#### Common VxBlock Storage Concepts

- VxBlock storage systems
- Storage provisioning
- File storage concepts

#### Managing Unity Storage

- Unity models and features
- Unity NAS
- Unity management

#### Managing XtremIO Storage

- XtremIO models and features
- XtremIO management

#### **Managing VMAX Storage**

- VMAX models and features
- VMAX embedded NAS (eNAS)
- VMAX management

#### **Managing Compute Resources**

#### **Managing Virtualization Resources**

- VMware concepts
- Virtualization management

#### **VxBlock System Monitoring**

- Configuring Syslog and SNMP
- VxBlock system health checks

#### **VxBlock System Protection**

- Backing Up VxBlock system data
- Protecting VxBlock production data

#### **VxBlock System Assurance**

- RCM information, scan and prepositioning
- RCM upgrade

#### **VxBlock System Security**

- Security concepts
- UCS management tools

# About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

## Fast Lane Services

- ✓ High End Technology Training
- ✓ Business & Soft Skill Training
- ✓ Consulting Services
- ✓ Managed Training Services
- ✓ Digital Learning Solutions
- ✓ Content Development
- ✓ Remote Labs
- ✓ Talent Programs
- ✓ Event Management Services

## Training Methods

- ✓ Classroom Training
- ✓ Instructor-Led Online Training
- ✓ FLEX Classroom – Classroom & Online Hybrid
- ✓ Onsite & Customized Training
- ✓ E-Learning
- ✓ Blended & Hybrid Learning
- ✓ Mobile Learning

## Technologies & Solutions

- ✓ Digital Transformation
- ✓ Artificial Intelligence
- ✓ Cloud
- ✓ Networking
- ✓ Cyber Security
- ✓ Wireless & Mobility
- ✓ Modern Workplace
- ✓ Data Center



**Worldwide Presence**  
with high-end training centers  
around the globe



**Multiple Awards**  
from vendors such as AWS,  
Microsoft, Cisco, Google, NetApp,  
VMware



**Experienced SMEs**  
with over 19.000 combined  
certifications

### Germany

**Fast Lane Institute for Knowledge  
Transfer GmbH**

Tel. +49 40 25334610

[info@flane.de](mailto:info@flane.de) / [www.flane.de](http://www.flane.de)

### Austria

**ITLS GmbH**

(Partner of Fast Lane)

Tel. +43 1 6000 8800

[info@itls.at](mailto:info@itls.at) / [www.itls.at](http://www.itls.at)

### Switzerland

**Fast Lane Institute for Knowledge  
Transfer (Switzerland) AG**

Tel. +41 44 8325080

[info@flane.ch](mailto:info@flane.ch) / [www.flane.ch](http://www.flane.ch)